

## SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: RALPH A. LEWIS Examiner #: 74177 Date: 5/20/2002  
 Art Unit: 3732 Phone Number 308-0770 Serial Number: 09/423,853  
 Mail Box and Bldg/Room Location: CP2-2B16 Results Format Preferred (circle): PAPER DISK EMAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms; and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc., if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: \_\_\_\_\_

Inventors (please provide full names): BONNET

Earliest Priority Filing Date: 5/15/1998 PCT/FR98/00984

\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.  
 (NOT PATENTS)

IS THERE ANY LITERATURE OUT THERE ON

Nighttime Lingual Envelope (NLE)

OR more specifically

BONNET's Nighttime Lingual Envelope

OR

Orthodontic Nighttime Lingual Envelope

Thanks,  
Ralph

## STAFF USE ONLY

## Type of Search

## Vendors and cost where applicable

Searcher: <u>Jeanne Horrigan</u>	NA Sequence (#) _____	STN _____
Searcher Phone #: <u>305-5934</u>	AA Sequence (#) _____	Dialog <u>/</u> _____
Searcher Location: <u>CP2-2C08</u>	Structure (#) _____	Questel/Orbit _____
Date Searcher Picked Up: <u>5-30</u>	Bibliographic <u>/</u> _____	Dr.Link _____
Date Completed: <u>5-30</u>	Litigation _____	Lexis/Nexis _____
Searcher Prep & Review Time: <u>47</u>	Fulltext _____	Sequence Systems _____
Clerical Prep Time: _____	Patent Family _____	WWW/Internet <u>/</u> _____
Online Time: <u>13</u>	Other _____	Other (specify) _____

BEST AVAILABLE COPY

# Oral and Maxillofacial Surgery



## Case of the Month

November, 1998

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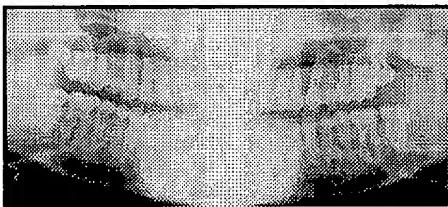
### Subjective:

The patient was referred to our office for surgical extraction of bilateral mandibular supernumerary premolars.

### Objective:

Medical history revealed a 17 y.o. white male with no known drug allergies or serious illnesses. Family history, social history, and review of systems were noncontributory. There was no history of any medications. The patient had completed orthodontic treatment and extraction of teeth #'s 1, 16, 17, and 32.

*Click on images to enlarge.*



Preoperative Radiographic

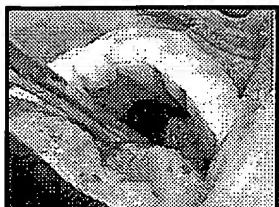
### Assessment:

- Bilateral Mandibular Supernumerary Premolars ( 21A and 28A )

### Plan:

- Surgical Extraction of Supernumerary Teeth ( 21A and 28A )

### Result:



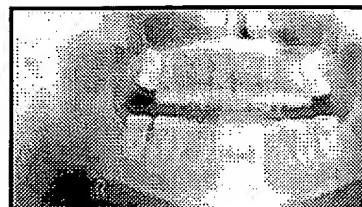
Left Lingual  
Envelope Flap and  
Extraction Site



Right Lingual  
Envelope Flap and  
Extraction Site



Sectioned 21A and 28A



Postoperative Radiographic

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*Patient treated by:*

- ***Dr. Steven R. Tucker Oral and Maxillofacial Surgery***
- ***Dr. James A. Wells Orthodontist***

**Steven R. Tucker DMD, PSC**  
**Oral and Maxillofacial Surgery**  
**909 Scherm Road**  
**Owensboro, KY 42301**  
**phone: 1-502-926-4107**  
**fax: 1-502-926-4166**  
**url: <http://www.srt-psc.com>**



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Last Modified: November 3, 1998

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File 144: Pascal 1973-2002/May W4  
File 5: Biosis Previews(R) 1969-2002/May W4  
File 6: NTIS 1964-2002/Jun W2  
File 2: INSPEC 1969-2002/May W4  
File 8: Ei Compendex(R) 1970-2002/May W4  
File 99: Wilson Appl. Sci & Tech Abs 1983-2002/Apr  
File 238: Abs. in New Tech & Eng. 1981-2002/May  
File 65: Inside Conferences 1993-2002/May W4  
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File 73: EMBASE 1974-2002/May W4  
File 34: SciSearch(R) Cited Ref Sci 1990-2002/May W4  
File 434: SciSearch(R) Cited Ref Sci 1974-1989/Dec  
File 94: JICST-Eplus 1985-2002/Apr W1  
File 35: Dissertation Abs Online 1861-2002/May  
S1 0 NIGHT???? () LINGUAL() ENVELOPE?  
S2 0 LINGUAL() ENVELOPE  
S3 0 BONNET??(3W) ENVELOPE?  
S4 0 ORTHODONTIC(3W) ENVELOPE?  
\*\*\*\*\*

10/3, K/1 (Item 1 from file: 155)  
DIALOG(R) File 155: MEDLINE(R)  
09575558 97475747 PMID: 9432605  
Orthodontic contribution in sleep apnea]  
L'apport orthodontique dans l'apnee du sommeil.  
Raskin S; Limme M; Poirrier R; Lacroix A; **Bonnet S**; Jeusette M; Lecloux G; Lahaye T  
L' Orthodontie francaise (FRANCE) 1997, 68 (1) p227-36, ISSN 0078-6608 Journal Code: 0200547  
Document type: Journal Article ; English Abstract  
Languages: FRENCH  
Main Citation Owner: NLM  
Record type: Completed  
Orthodontic contribution in sleep apnea]  
Raskin S; Limme M; Poirrier R; Lacroix A; Bonnet S; Jeusette M; Lecloux G; Lahaye T  
... understand all the aspects of this specific syndrome, and reveal the interest for a neuro-orthodontic or a neuro-surgical orthodontic approach.  
Descriptors: Orthodontics , Corrective; \*Sleep Apnea Syndromes--therapy--TH

10/3, K/2 (Item 2 from file: 155)  
DIALOG(R) File 155: MEDLINE(R)  
06335413 90048540 PMID: 3268995  
Magnets and magnetic fields in orthodontics ]  
Aimants et champs magnetiques en orthopédie dento-faciale.  
Bonnet B; Bonvarlet J M; Loreille J P; Roux B; Thepaut G  
Revue d'orthopédie dento-faciale (FRANCE) 1988, 22 (1) p83-110,  
ISSN 0337-9736 Journal Code: 8011218  
Document type: Journal Article  
Languages: FRENCH  
Main Citation Owner: NLM  
Record type: Completed  
**Bonnet B**; Bonvarlet J M; Loreille J P; Roux B; Thepaut G  
Descriptors: Magnetics; \* Orthodontics , Corrective--methods--MT; Dental Models; Orthodontic Appliances

12/7/1 (Item 1 from file: 155)

DIALOG(R) File 155: MEDLINE(R)

08536651 95294776 PMID: 7776165

Vascular changes following mucoperiosteal flap surgery: a fluorescein angiography study in dogs.

McLean T N; Smith B A; Morrison E C; Nasjleti C E; Caffesse R G

Department of Periodontics/Prevention and Geriatrics, School of Dentistry, University of Michigan, Ann Arbor, USA.

Journal of periodontology (UNITED STATES) Mar 1995, 66 (3) p205-10, ISSN 0022-3492 Journal Code: 8000345

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: Completed

This study was undertaken to determine the vascular changes which occur following mucoperiosteal flap surgery where two different suturing techniques were employed. In four healthy adult mongrel dogs, buccal and lingual full-thickness envelope flaps were reflected in the mandibular quadrants following intravicular incisions from the first premolar to the first molar. The flaps were immediately readapted and primary closure was achieved by the horizontal mattress suturing technique in one quadrant and the direct interrupted suturing technique in the contralateral quadrant of each dog. A simple photographic system was developed for recording the in vivo gingival circulation depicted by fluorescein angiography just prior to surgery and then after surgery on days 1, 3, 7, 10, 14, and 21. The flaps were divided into three interproximal and two mid-buccal sites for analysis and the intracapillary and diffusion extent of dye fluorescence was accurately quantified by computerized planimetry. As healing progressed, longitudinal changes relative to presurgical baseline were analyzed by paired t-test. Cross-sectional comparisons utilizing Student t-test allowed for evaluating differences between the two suturing techniques as well as differences between interproximal versus mid-buccal sites at each postsurgical day. It was found that the simple act of raising a mucoperiosteal envelope flap initiates significant vascular trauma. Statistically significant reductions in flap circulation relative to presurgical baseline lasted for at least 3 days but persisted for 7 days at the interproximal sites. Flap diffusion (extravascular leakage) recovered sooner and extended over a significantly greater area of the flap than did intracapillary flap circulation during the early period of healing. (ABSTRACT TRUNCATED AT 250 WORDS)

Record Date Created: 19950710

13/6,K/1 (Item 1 from file: 155)

DIALOG(R) File 155:

13198558 22025043 PMID: 12027705

2-Oxopiperazine-Based gamma-Turn Conformationally Constrained Peptides: Synthesis of CCK-4 Analogues.

May 31 2002

... versatility of this methodology is illustrated in the synthesis of analogues of the tetrapeptides Boc-[Nle(31)]-CCK-4 and Boc-[Lys(o-tolylaminocarbonyl)(31)]-CCK-4. The introduction of the...

15/6,K/1 (Item 1 from file: 34)

DIALOG(R) File 34:(c) 2002 Inst for Sci Info. All rts. reserv.

06984502 Genuine Article#: 111QG Number of References: 32

Title: Synthetic integrin-binding peptides promote adhesion and proliferation of human periodontal ligament cells in vitro (ABSTRACT AVAILABLE)

Publication date: 19980800

...Abstract: normal human PDL cells established from teeth extracted from patients (ages 12 to 14) for orthodontic reasons were used for all experiments. Synthetic peptides containing the EPRGDNYR sequence in two different...

...type I collagen except for the collagen/linear EPRGDNYR-BSA mixture, which was less potent. **nle** cyclic EPRGDNYR-BSA conjugate was the most effective substrate to stimulate cell proliferation, and it...

File 155:MEDLINE(R) 1966-2002/May W3

File 5:Biosis Previews(R) 1969-2002/May W4

File 73:EMBASE 1974-2002/May W4

File 34:SciSearch(R) Cited Ref Sci 1990-2002/May W4

File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec

S1 175 AU='BONNET B':AU='BONNET B.'

S2 798 AU='BONNET F'

S3 44 AU='BONNET FRANCIS':AU='BONNET FRNCIS'

S4 1016 AU='BONNET M'

S5 226 AU='BONNET M.'

S6 2259 S1:S5

S7 38783 ORTHODONTIC? OR ORTHINDONTIC?

S8 0 S5 AND S7

S9 10939 AU=BONNET ?

S10 2 **S7 AND S9**

S11 3 LINGUAL(3N) ENVELOPE? ?

S12 3 **S11 NOT S10**

S13 3312 **NLE**

S14 0 S6 AND S13

S15 1 **S7 AND S13**

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File 411:DIALINDEX(R)

DIALINDEX(R) (c) 2002 The Dialog Corporation plc

You have 571 files [databases] in your file list.

Your SELECT statement is: s lingual(3w)envelop?

Items	File
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1	5: Biosis Previews(R) _1969-2002/May W4
2	34: SciSearch(R) Cited Ref Sci_1990-2002/Jun W1
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Examined	100 files
1	155: MEDLINE(R) _1966-2002/May W3
Examined	150 files
Examined	200 files
Examined	250 files
1	440: Current Contents Search(R) _1990-2002/May 30
Examined	300 files
Examined	350 files
Examined	400 files
Examined	450 files
2	654: US PAT.FULL._1976-2002/May 28
Examined	500 files
Examined	550 files

5 files have one or more items; file list includes 571 files.

\*\*\*\*\*

2/6,K/3 (Item 1 from file: 654) *U.S. patents*  
DIALOG(R) File 654:(c) FORMAT ONLY 2002 THE DIALOG CORP. All rts. reserv.

2938965 \*\*IMAGE Available

Derwent Accession: 1989-068682

Utility

E/ Intraoral dental radiographic film packet pad

Fulltext Word Count: 3620

Number of Claims: 7

Exemplary Claim Number: 1

Number of Drawing Sheets: 2

Number of Figures: 9

Number of US cited patent references: 8

Number of non-patent cited references: 8

Description of the Invention:

...adjacent third corner 18b. The longitudinal and transverse pad sections may also overlap both opposed **lingual** and labial **envelope** surfaces

2/6,K/4 (Item 2 from file: 654) *U.S. patents*  
DIALOG(R) File 654:(c) FORMAT ONLY 2002 THE DIALOG CORP. All rts. reserv.

2745649 \*\*IMAGE Available

Derwent Accession: 1986-338786

Utility

M/ Intraoral dental radiographic film packet pad

Fulltext Word Count: 3129

Number of Claims: 8

Exemplary Claim Number: 1

Number of Drawing Sheets: 2

Number of Figures: 9

Number of US cited patent references: 7

Number of non-patent cited references: 7

Description of the Invention:

...L" configuration will extend up one of the transverse end edges, overlapping the adjacent opposed **lingual** and labial **envelope** surfaces...

2/7/2 (Item 1 from file: 34)

DIALOG(R) File 34:SciSearch(R) Cited Ref Sci

(c) 2002 Inst for Sci Info. All rts. reserv.

10443667 Genuine Article#: 497VL Number of References: 0

Repercussion of **nocturnal lingual envelope (ELN)** on the lingual forces

Author(s): Thevenet H

Corporate Source: Fac Odontol, Montpellier//France/

Journal: JOURNAL OF DENTAL RESEARCH, 2001, V80, N4 (APR), P1224-1224

ISSN: 0022-0345 Publication date: 20010400

Publisher: AMER ASSOC DENTAL RESEARCH, 1619 DUKE ST, ALEXANDRIA, VA 22314 USA

Language: English Document Type: MEETING ABSTRACT

File 5:Biosis Previews(R) 1969-2002/May W4

File 34:SciSearch(R) Cited Ref Sci 1990-2002/Jun W1

File 155:MEDLINE(R) 1966-2002/May W3

File 440:Current Contents Search(R) 1990-2002/May 30

File 654:US PAT.FULL. 1976-2002/May 28

S1 7 LINGUAL(3W) ENVELOP?

S2 4 RD (unique items)

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